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Datasheet for ABIN7505359

Cytokeratin 18 Protein (AA 2-231) (His tag)

Overview

Quantity:	100 µg
Target:	Cytokeratin 18 (KRT18)
Protein Characteristics:	AA 2-231
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cytokeratin 18 protein is labelled with His tag.

Product Details

Sequence:	Ser2-Asp231
Characteristics:	A DNA sequence encoding the Mouse KRT18 (P05784-1) (Ser2-Asp231) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	KRT18 (KRT18 Products)
Background:	Abbreviation: KRT18 Target Synonym: Cell proliferation inducing gene 46 protein,Cell proliferation inducing protein 46,Cell proliferation-inducing gene 46 protein,CK 18,CK-18,CK18,CYK 18,CYK18,Cytokeratin 18,Cytokeratin endo B,Cytokeratin-18,K 18,K18,K1C18,KA18,Keratin 18,Keratin 18,type I,Keratin

Target Details

D,keratin,type I cytoskeletal 18,Keratin-18,Krt18

Background: Cytokeratin 18 (CK18) has a molecular weight of 45 KDa, which is a low molecular weight type A cytokeratin. It is a marker of simple epithelium, including glandular epithelium.

The stratified squamous epithelium is generally negative. CK18 is mainly used in the diagnosis of adenocarcinoma.

Molecular Weight: Calculated MW: 25.48 kDa
Observed MW: 27.78 kDa

UniProt: [P05784-1](#)

Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months